

# Converting Colors

HunterLab(60.5612, 66.0494,  
20.1005)

Have a look what the booklet for  
HunterLab(60.5612, 66.0494,  
20.1005) contains.

<b>HunterLab(56.7387, 56.6436, 16.3723)</b>	3
<i><b>Conversions</b></i>	4
<i><b>Details</b></i>	6
<i><b>Harmonies</b></i>	12
<i><b>Previews</b></i>	24
<i><b>Color Blindness Simulation</b></i>	28
<i><b>CSS Examples</b></i>	31

# Color

**HunterLab(56.7387, 56.6436,  
16.3723)**

# Conversions

Conversions Part 1	
Format	Color
Hex	FF667B
RGB	255, 102, 123
RGB Percent	100%, 40%, 48%
CMY	0.0000, 0.6000, 0.5176
CMYK	0.00, 0.60, 0.52, 0.00
HSL	352°, 100%, 70%
HSV	352°, 60%, 100%
XYZ	49.5665, 32.1928, 22.3402
YIQ	150.1410, 84.4470, 38.9670

# Conversions

## Conversions Part 2

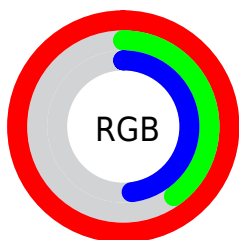
Format	Color
<a href="#">RYB</a>	<a href="#">255, 102, 123</a>
Decimal	<a href="#">16737915</a>
CIELab	<a href="#">63.50, 59.77, 19.11</a>
CIELCh	<a href="#">64, 62.754, 17.732</a>
Yxy	<a href="#">32.1946, 0.4761, 0.3093</a>
Android (android.graphics.Color)	<a href="#">4294927995</a> (0xFFFF667B)
YUV	<a href="#">150.1410, -13.3805, 91.9613</a>
Hunter-Lab	<a href="#">56.7387, 56.6436, 16.3723</a>

# Details

The HunterLab color **56.7387, 56.6436, 16.3723** is a light color, and the websafe version is hex **FF6666**. A complement of this color would be **89.6025, -45.0599, 2.9117**, and the grayscale version is **55.3127, -2.9513, 3.0052**.

A 20% lighter version of the original color is **69.8633, 34.1165, 9.2274**, and **36.7442, 52.7259, 12.8237** is the 20% darker color. If you saturate the color by 10%, you get **52.3821, 65.7937, 19.4940**, and if you desaturate by 10%, it is **62.1409, 46.3862, 13.5432**.

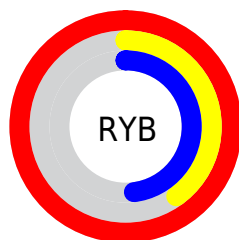
# Distribution



Red (100%)

Green (40%)

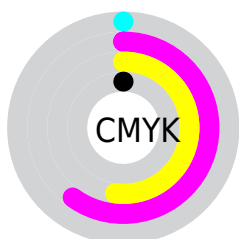
Blue (48%)



Red (100%)

Yellow (40%)

Blue (48%)

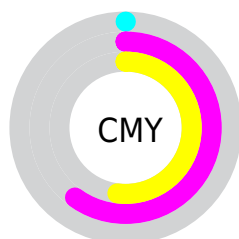


Cyan (0%)

Magenta (60%)

Yellow (52%)

Black (0%)



Cyan (0%)

Magenta (60%)

Yellow (52%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 56.7387, 56.6436, 16.3723 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the HunterLab color 56.7387, 56.6436, 16.3723 by changing the saturation by 10% instead.



 56.7387, 56.6436, 16.3723	 56.7387, 56.6436, 16.3723
--	--

176.6365, 70.2986, 30.5559	 46.3790, 54.6431, 14.6871
-------------------------------	--

 79.4456, 60.3288, 19.6269	 36.7388, 52.5613, 12.9391
--	--

 91.7179, 62.0213, 21.2155	 27.8782, 50.4337, 11.1026
--	--

 104.5642, 63.6166, 22.7881	 19.8730, 48.3691, 9.1349
---	---

 117.9600, 65.1195, 24.3500	 12.8269, 46.6835, 7.6315
---	---

131.8834, 66.5345, 25.9049	 6.2277, 53.9602, 4.3594
-------------------------------	--


146.3152, 67.8665,	0.0000, INF, NaN
--------------------	------------------


27.4560


0.0000, NaN, NaN


161.2381, 69.1199,  
29.0057


0.0000, NaN, NaN


 56.7387, 56.6436,  
16.3723


 56.7387, 56.6436,  
16.3723

 52.3821, 65.7937,  
19.4940

 62.1409, 46.3862,  
13.5432


 49.1863, 73.0051,  
22.6702


 68.4365, 35.7090,  
11.1210

 47.1938, 77.5408,  
25.5755

 75.4838, 25.0349,  
9.1336

 46.2401, 79.4488,  
27.8453

 83.1585, 14.5876,  
7.5555

 46.2398, 79.4494,  
27.8460

 91.3588, 4.4576,  
6.3393

100.0000, -5.3359,  
5.4331

# Harmonies

## Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



56.7403, 58.4457, -8.6749



56.7387, 56.6436, 16.3723



56.7403, 37.1011, 29.1289

# Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



56.7403, 56.6392, 16.3735



56.7403, -37.1021, 27.5760



56.7403, -13.8364, -71.3418

# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



56.7387, 56.6436, 16.3723



89.6025, -45.0599, 2.9117

# Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



56.7403, -34.3998, -48.1763



56.7387, 56.6436, 16.3723



56.7403, -46.0123, 12.7722

# Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



56.7403, 56.6392, 16.3735



56.7403, -18.2558, 33.1487



56.7403, -45.1279, -14.4691



56.7403, 13.9913, -68.7620



# Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



56.7387, 56.6436, 16.3723



56.7403, 18.4326, 32.7060



56.7403, -45.1279, -14.4691



56.7403, -21.7124, -65.9775

# Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



56.7403, 56.6392, 16.3735



84.7566, 12.5387, 7.2855



58.2142, 70.1350, -59.2567



38.1379, 7.1847, 3.5549

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



56.7403, 56.6392, 16.3735



51.6459, 67.4221, 20.1356



67.7108, 27.6909, 31.1987



42.4590, 1.8358, 2.9091



33.4432, 57.4987, 19.8564



10.4919, 18.1504, 5.3634



# Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



56.7403, 56.6392, 16.3735



51.6459, 67.4221, 20.1356



72.1319, -16.0530, -33.5978



42.4590, 1.8358, 2.9091



33.4432, 57.4987, 19.8564

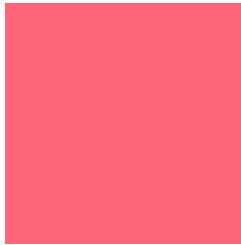


10.4919, 18.1504, 5.3634



# Previews

## White Background



This preview shows how the HunterLab color 56.7387, 56.6436, 16.3723 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

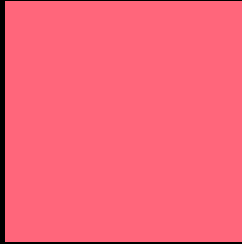
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 56.7387, 56.6436, 16.3723 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

## HunterLab 56.7387, 56.6436, 16.3723 Background



This preview shows how black text looks on a background with the HunterLab color 56.7387, 56.6436, 16.3723.



This preview shows how white text looks on a background with the HunterLab color 56.7387, 56.6436, 16.3723.



# Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy



### Original Color

56.7387, 56.6436, 16.3723

### Protanopia

56.7640, -2.1166, 5.2416

### Deuteranopia

56.9086, 4.0238, 17.9228




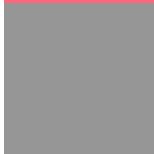
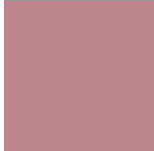
## Tritanopia

56.6738, 54.1834, 20.1375

# Trichromacy

	<b>Original Color</b> 56.7387, 56.6436, 16.3723
	<b>Protanomaly</b> 55.0283, 18.0474, 7.4917
	<b>Deuteranomaly</b> 55.7851, 23.1374, 16.2303
	<b>Tritanomaly</b> 56.5766, 55.0118, 18.8278

# Monochromacy

	<b>Original Color</b> 56.7387, 56.6436, 16.3723
	<b>Achromatopsia</b> 55.2257, -2.9467, 3.0005
	<b>Achromatomaly</b> 54.1848, 16.7218, 6.5325

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 56.7387, 56.6436, 16.3723 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(255, 102, 123)` looks like.

```
.text, #text, p{  
    color:rgb(255, 102, 123)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(255, 102, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 102, 123) }
```

## Border

The CSS property to change the border of an element to HunterLab 56.7387, 56.6436, 16.3723 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(255, 102, 123) }
```



If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(255, 102, 123) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(255, 102, 123) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 102, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 102, 123);  
box-shadow:4px 4px 4px 4px rgb(255, 102,  
123) }
```

# Background

The CSS property to change the background color of an element to HunterLab 56.7387, 56.6436, 16.3723 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 102, 123) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(255,  
102, 123) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

Hey! You found this booklet  
interesting? Support Converting  
Colors with the new Membership  
Option!

The pro membership hides all ads, plus gives you  
double the colors in the color bucket, and more  
awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor